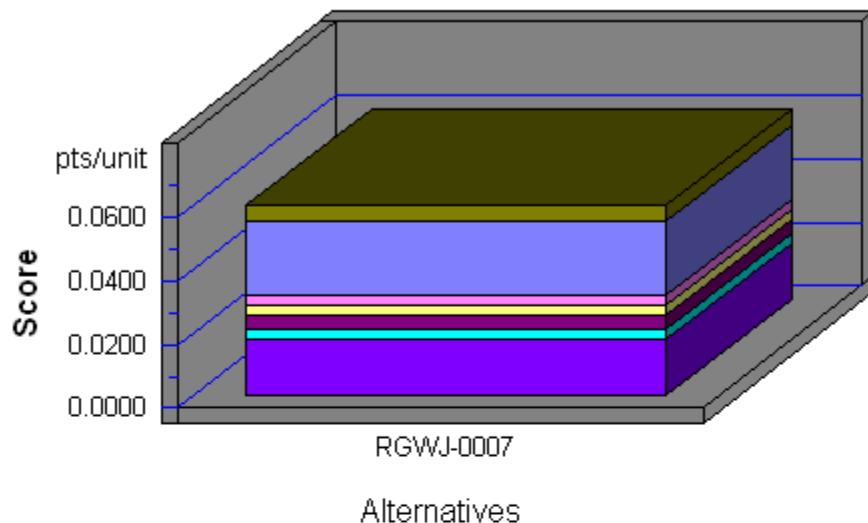


BEEs Results: Slide Way Lubricants

Functional Unit: 1 gallon

Environmental Performance

Acidification
Crit. Air Pollutants
Ecological Toxicity
Eutrophication
Fossil Fuel Depletion
Global Warming
Habitat Alteration
Human Health
Indoor Air
Ozone Depletion
Smog
Water Intake



Note: Lower values are better

Category	RGWJ-0007
Acidification--3%	0.0000
Crit. Air Pollutants--9%	0.0002
Ecolog. Toxicity--7%	0.0049
Eutrophication--6%	0.0234
Fossil Fuel Depl.--10%	0.0029
Global Warming--29%	0.0030
Habitat Alteration--6%	0.0000
Human Health--13%	0.0049
Indoor Air--3%	0.0000
Ozone Depletion--2%	0.0000
Smog--4%	0.0026
Water Intake--8%	0.0181
Sum	0.0600

BEEs Results: Slide Way Lubricants

Functional Unit: 1 gallon

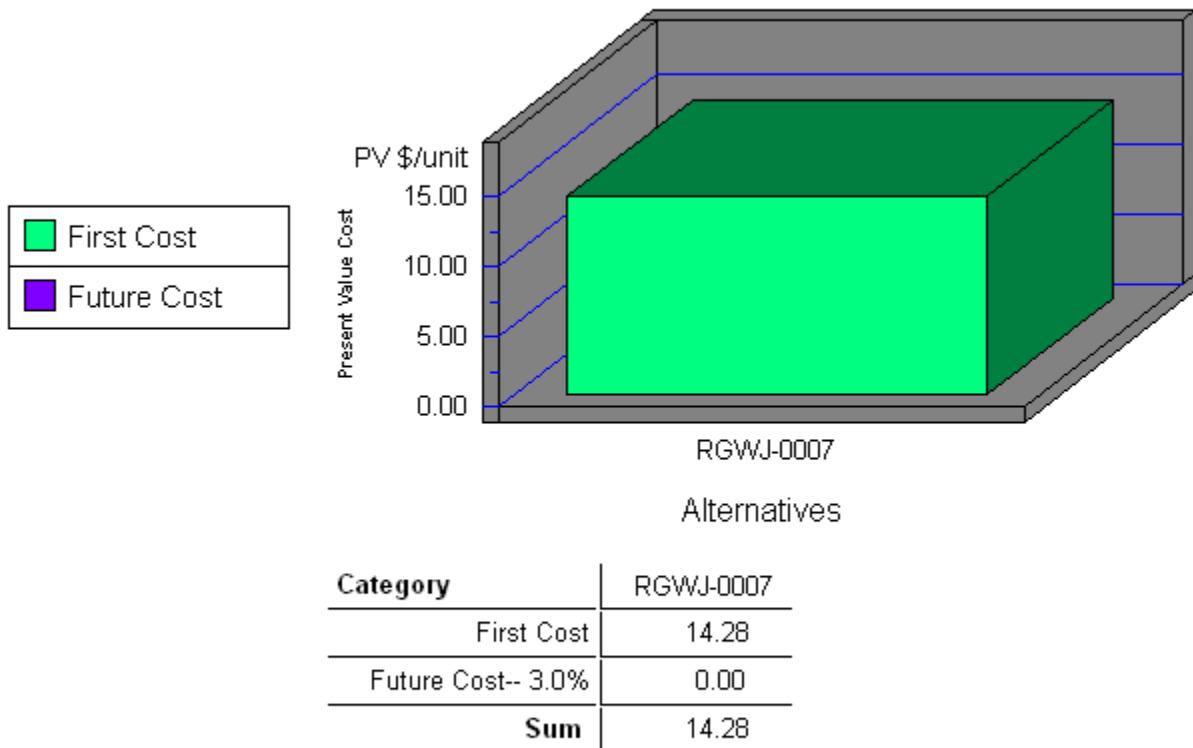
Slide Way Lubricants		
Impacts	Units	RGWJ-0007
Acidification	millimoles H ⁺ equivalents	5.46E+03
Criteria Air Pollutants	microDALYs	4.44E-01
Ecotoxicity	g 2,4-D equivalents	5.75E+01
Eutrophication	g N equivalents	7.48E+01
Fossil Fuel Depletion	MJ surplus energy	1.02E+01
Global Warming	g CO ₂ equivalents	2.65E+03
Habitat Alteration	T&E count	0.00E+00
Human Health--Cancer	g C ₆ H ₆ equivalents	3.14E+00
Human Health--NonCancer	g C ₇ H ₈ equivalents	2.09E+03
Indoor Air Quality	g TVOCs	0.00E+00
Ozone Depletion	g CFC-11 equivalents	7.46E-08
Smog	g NO _x equivalents	9.70E+01
Water Intake	liters of water	1.20E+03
Functional Unit	-----	1 gallon of slide way lubricant

1 Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count; Human Health-Cancer: grams of benzene equivalents; Human Health-NonCancer: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.

BEES Results: Slide Way Lubricants

Functional Unit: 1 gallon

Economic Performance

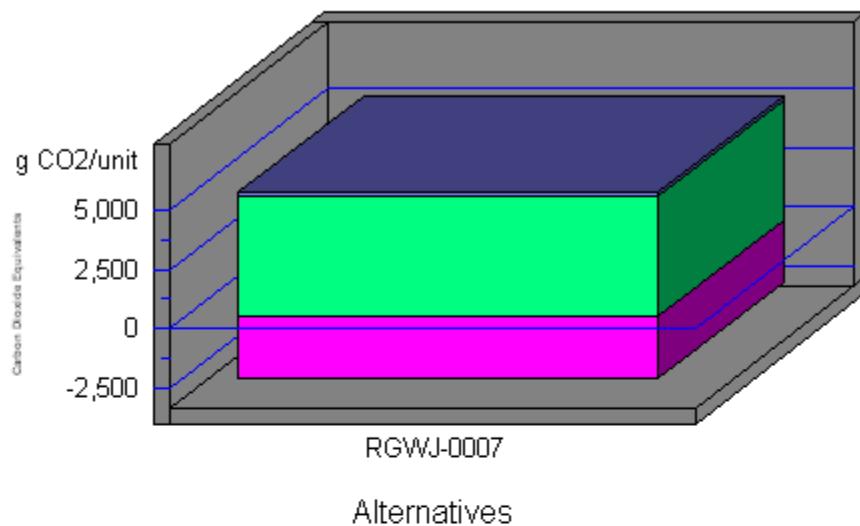
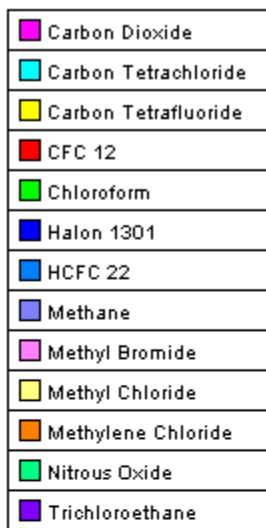


*No significant/quantifiable performance differences were identified among competing alternatives. Therefore, future costs were not calculated.

BEEs Results: Slide Way Lubricants

Functional Unit: 1 gallon

Global Warming by Flow



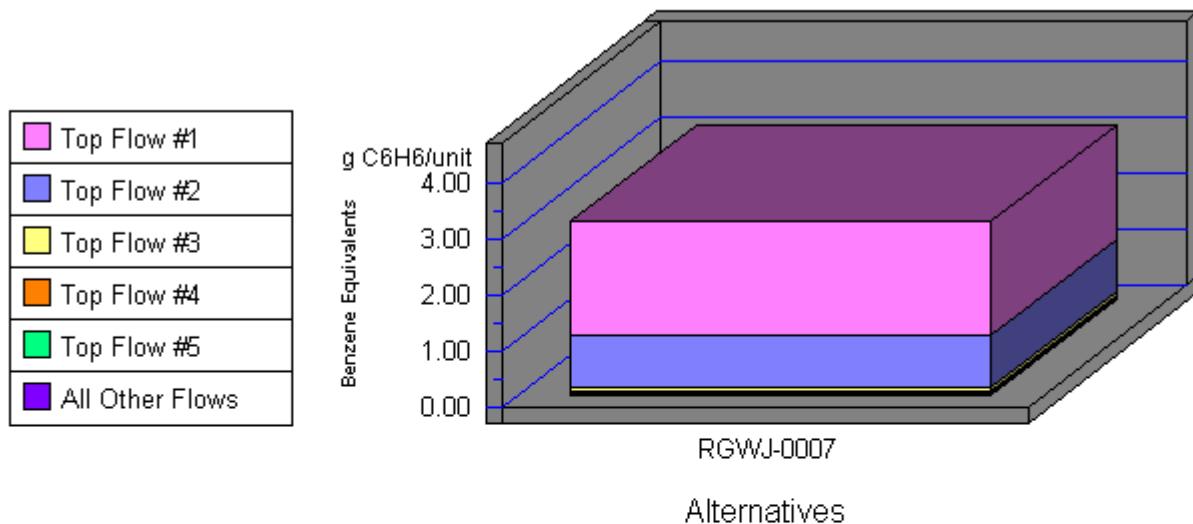
Note: Lower values are better

Category	RGWJ-0007
(a) Carbon Dioxide (CO ₂ , net)	-2634
(a) Carbon Tetrachloride (CCl ₄)	0
(a) Carbon Tetrafluoride (CF ₄)	0
(a) CFC 12 (CCl ₂ F ₂)	0
(a) Chloroform (CHCl ₃ , HC-20)	0
(a) Halon 1301 (CF ₃ Br)	0
(a) HCFC 22 (CHF ₂ Cl)	0
(a) Methane (CH ₄)	226
(a) Methyl Bromide (CH ₃ Br)	0
(a) Methyl Chloride (CH ₃ Cl)	0
(a) Methylene Chloride (CH ₂ Cl ₂)	0
(a) Nitrous Oxide (N ₂ O)	5057
(a) Trichloroethane (1,1,1-CH ₂ C	0
Sum	2648

BEES Results: Slide Way Lubricants

Functional Unit: 1 gallon

Human Health Cancer by Sorted Flows*



Note: Lower values are better

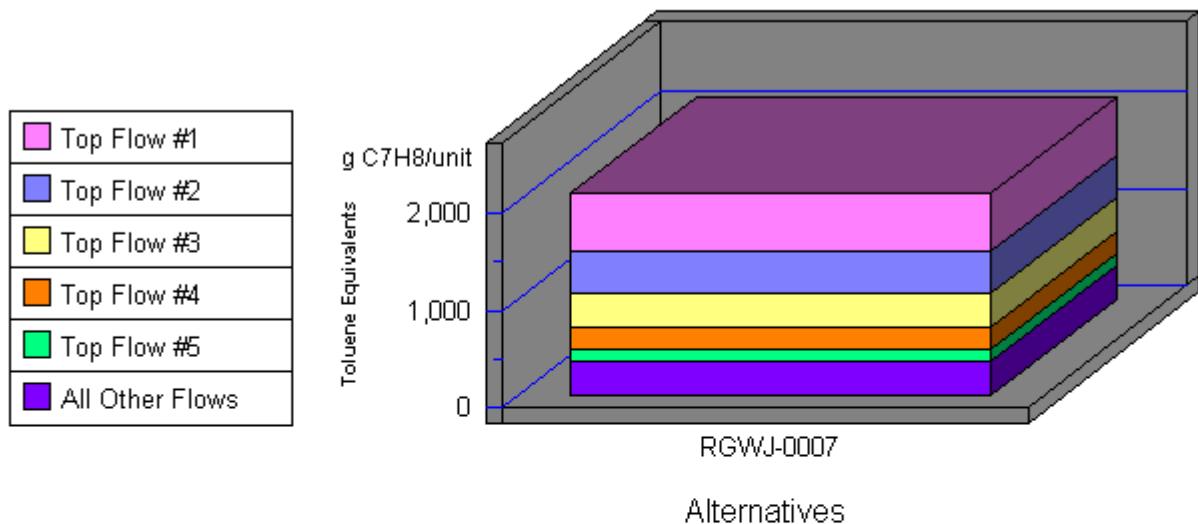
Category	RGWJ-0007
Cancer--(w) Arsenic (As ³⁺ , As ⁵⁺)	2.05
Cancer--(w) Phenol (C ₆ H ₅ OH)	0.92
Cancer--(a) Dioxins (unspecified)	0.08
Cancer--(a) Arsenic (As)	0.04
Cancer--(a) Benzene (C ₆ H ₆)	0.03
All Others	0.02
Sum	3.14

*Sorted by five topmost flows for worst-scoring product

BEES Results: Slide Way Lubricants

Functional Unit: 1 gallon

Human Health Noncancer by Sorted Flows*



Note: Lower values are better

Category	RGWJ-0007
Noncancer--(w) Barium (Ba++)	611.28
Noncancer--(w) Mercury (Hg+, Hg)	427.75
Noncancer--(w) Lead (Pb++, Pb4+)	342.58
Noncancer--(w) Cadmium (Cd++)	216.94
Noncancer--(w) Arsenic (As3+, A)	129.68
All Others	362.86
Sum	2,091.08

*Sorted by five topmost flows for worst-scoring product